

N.E.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORSHIP ..... Vladimir Pisetski, et al  
Date Filed ..... December 1, 1999  
Serial No. .... 09/453,158  
Group Art Unit ..... 2862  
Examiner ..... N/A  
Assignees ..... Trans Seismic International, Inc.  
ATTORNEY DOCKET NO. .... TR01-P04  
TITLE: **METHOD FOR PREDICTING DYNAMIC PARAMETERS OF  
FLUIDS IN A SUBTERRANEAN RESERVOIR**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT AND  
PETITION UNDER 37 C.F.R. § 1.84(b)**

**Preliminary Amendment**

Please replace the drawings originally filed in this case with the attached substitute drawings. The substitute drawings are identical in all aspects to the original drawings, except that they conform to the requirements for color drawings and photographs.

**Petition**

Applicants, through their attorney, hereby petition the Commissioner to accept black and white and color photographs as drawings in the above referenced patent application, serial number 09/453,158.

Included with this petition are:

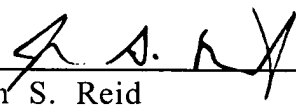
(i) The fee set forth in §§ 1.17(i) (\$130.00); and

1 (ii) Three sets of photographs developed on double weight  
2 photographic paper. The Applicants believe the photographs to be of  
3 sufficient quality so that all details in the drawings are reproducible in the  
4 any printed patent which may issue from this application.

5 The photographs are necessary to accurately describe the invention,  
6 which pertains to imaging parameters in a subsurface structure. The  
7 photographs portray representations of parameters of subsurface structures  
8 which are produced using the method. Color photographs are necessary for  
9 certain images as black and white reproductions of the color images cannot  
10 discern between certain gradients which are an important feature of the  
11 invention. The Applicants believe that the photograph in general, and the  
12 color photographs in particular, show the invention in a manner which cannot  
13 be achieved with non-photographic drawings.

14 Respectfully submitted,

15 Date: 3-1-00

16   
17 John S. Reid  
18 Reg. No. 36,369  
19  
20  
21  
22